**nyc\_census\_blocks (38794 records)**

|  |  |
| --- | --- |
| **blkid** | A 15-digit code that uniquely identifies every census **block**. Eg: 360050001009000 |
| **popn\_total** | Total number of people in the census block |
| **popn\_white** | Number of people self-identifying as “White” in the block |
| **popn\_black** | Number of people self-identifying as “Black” in the block |
| **popn\_nativ** | Number of people self-identifying as “Native American” in the block |
| **popn\_asian** | Number of people self-identifying as “Asian” in the block |
| **popn\_other** | Number of people self-identifying with other categories in the block |
| **boroname** | Name of the New York borough. Manhattan, The Bronx, Brooklyn, Staten Island, Queens |
| **geom** | Polygon boundary of the block |

nyc\_neighborhoods (129 records)

|  |  |
| --- | --- |
| **name** | Name of the neighborhood |
| **boroname** | Name of the New York borough. Manhattan, The Bronx, Brooklyn, Staten Island, Queens |
| **geom** | Polygon boundary of the neighborhood |

**nyc\_streets (19091 records)**

|  |  |
| --- | --- |
| **name** | Name of the street |
| **oneway** | Is the street one-way? “yes” = yes, “” = no |
| **type** | Road type. Eg. primary, secondary, residential, motorway |
| **geom** | Linear centerline of the street |

**nyc\_subway\_stations (491 records)**

|  |  |
| --- | --- |
| **name** | Name of the station |
| **borough** | Name of the New York borough. Manhattan, The Bronx, Brooklyn, Staten Island, Queens |
| **routes** | Subway lines that run through this station |
| **transfers** | Lines you can transfer to via this station |
| **express** | Stations where express trains stop, “express” = yes, “” = no |
| **geom** | Point location of the station |

**nyc\_census\_sociodata (2167 records)**

|  |  |
| --- | --- |
| **tractid** | An 11-digit code that uniquely identifies every census **tract**. Eg: 36005000100 |
| **transit\_total** | Number of workers in the tract |
| **transit\_private** | Number of workers in the tract who use private automobiles / motorcycles |
| **transit\_public** | Number of workers in the tract who take public transit |
| **transit\_walk** | Number of workers in the tract who walk |
| **transit\_other** | Number of workers in the tract who use other forms like walking / biking |
| **transit\_none** | Number of workers in the tract who work from home |
| **transit\_time\_mins** | Total number of minutes spent in transit by all workers in the tract (minutes) |
| **family\_count** | Number of familes in the tract |
| **family\_income\_median** | Median family income in the tract (dollars) |
| **family\_income\_mean** | Average family income in the tract (dollars) |
| **family\_income\_aggregate** | Total income of all families in the tract (dollars) |
| **edu\_total** | Number of people with educational history |
| **edu\_no\_highschool\_dipl** | Number of people with no highschool diploma |
| **edu\_highschool\_dipl** | Number of people with highschool diploma and no further education |
| **edu\_college\_dipl** | Number of people with college diploma and no further education |
| **edu\_graduate\_dipl** | Number of people with graduate school diploma |

**GEOMETRY FUNCTIONS**

ST\_Area(polygon)   
ST\_AsBinary(geometry)   
ST\_AsGML(geometry)   
ST\_AsGeoJSON(geometry)   
ST\_AsKML(geometry)   
ST\_AsSVG(geometry)   
ST\_AsText(geometry)   
ST\_Buffer(geometry, distance)   
ST\_Centroid(geometry)   
ST\_Contains(geometry, geometry)   
ST\_ConvexHull(geometry)   
ST\_Crosses(geometry, geometry)   
ST\_Difference(geometry, geometry)   
ST\_DWithin(geometry, geometry, radius)   
ST\_Disjoint(geometry, geometry)   
ST\_Distance(geometry, geometry)   
ST\_EndPoint(linestring)   
ST\_Equals(geometry, geometry)   
ST\_ExteriorRing(polygon)   
ST\_GeomFromGML(text)   
ST\_GeomFromKML(text)   
ST\_GeomFromText(text, srid)   
ST\_GeomFromWKB(bytea)   
ST\_GeometryN(collection, n)   
ST\_GeometryType(geometry)   
ST\_InteriorRingN(polygon, n)   
ST\_Intersects(geometry, geometry)   
ST\_Intersection(geometry, geometry)   
ST\_IsValid(geometry)   
ST\_IsValidReason(geometry)   
ST\_Length(linestring)   
ST\_MakePoint(double, double)   
ST\_NumPoints(linestring)   
ST\_NumRings(polygon)   
ST\_NumGeometries(collection)   
ST\_OrderingEquals(geometry, geometry)   
ST\_Overlaps(geometry, geometry)   
ST\_Perimeter(polygon)   
ST\_PointOnSurface(geometry)   
  
  
ST\_Relate(geometry, geometry)   
ST\_Reverse(geometry)   
ST\_Simplify(geometry)  
ST\_SRID(geometry)   
ST\_StartPoint(linestring)   
ST\_SymDifference(geometry, geometry)   
ST\_Touches(geometry, geometry)   
ST\_Union(geometry, geometry)   
ST\_Union([geometry])   
ST\_Within(geometry, geometry)   
ST\_X(point)  
ST\_Y(point)   
ST\_Z(point)

**GEOGRAPHY FUNCTIONS**

ST\_Area(geography)   
ST\_AsBinary(geography)   
ST\_AsGML(geography)   
ST\_AsGeoJson(geography)   
ST\_AsKML(geography)   
ST\_AsSVG(geography)   
ST\_AsText(geography)   
ST\_Buffer(geography,distance)   
ST\_CoveredBy(geography,geography)   
ST\_Covers(geography,geography)   
ST\_DWithin(geography,geography,float8)   
ST\_Distance(geography,geography)   
ST\_GeogFromWKB(bytea)   
ST\_GeographyFromText(text)   
ST\_Intersection(geography,geography)   
ST\_Intersects(geography,geography)   
ST\_Length(geography)